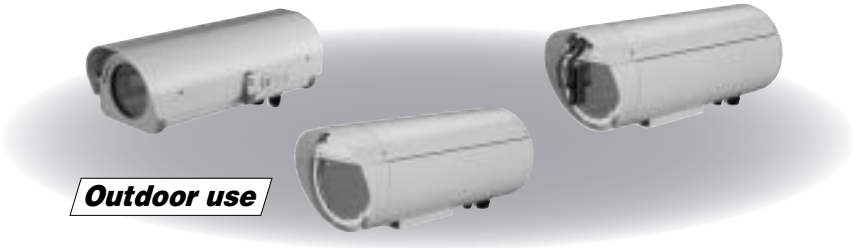
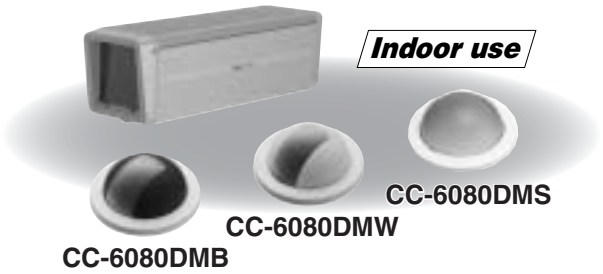
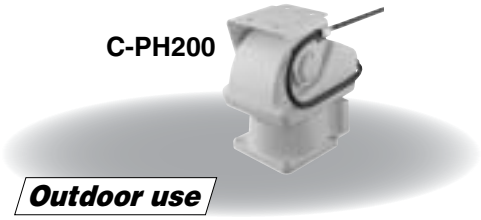
CAMERA HOUSINGS/PAN & TILT HEADS MOUNTING BRACKETS

Camera Housings





Pan & Tilt Heads



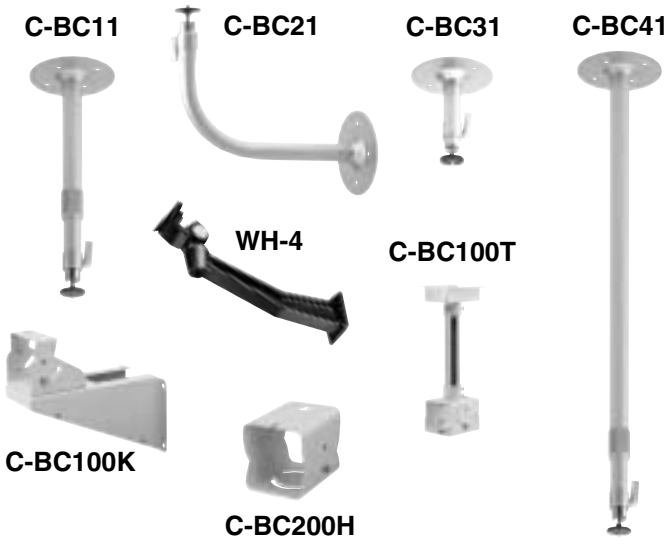
C-BL20
Zoom lens mounting bracket

CC-5050B
Pan head controller

Pan & Tilt Head Mounting Bracket

Remote Control Unit

Housing & Camera Mounting Bracket



TOA

Selection Chart (Indoor Use)

Cameras

C-CC351A

C-CC354A

Lenses

Auto iris Lenses

CT-0812GA

CT-0412GA

CT-0312GA

Auto iris Lenses

CH-2610G

CH-3808G

CH-0808G

Manual Zoom and Varifocal Auto iris Lenses

CT-2ZMGA

CT-10VFG

Motorized Zoom and Varifocal Auto iris Lenses

CT-6ZMG

CT-10ZMGA

CT-21ZMG

Camera Housings

Indoor Camera Housing

CC-6000A

Dome-shaped Camera Housing

CC-6080DMB

CC-6080DMS

CC-6080DMW

Zoom Lens Mounting Bracket

C-BL20

Pan & Tilt Heads

Pan & Tilt Head

CC-5521

Pan & Tilt Head

CC-5525

Pan Head

CC-5550A

Remote Controllers

Short Range

Remote Control Unit

CC-5011B

+

24V AC Power Supply

CC-5941B

Long Range

Remote Control Unit

CC-5111B

+

Relay Box

CC-5120

Pan Head Controller

CC-5050B

Mounting Brackets

Camera Mounting Brackets

C-BC11

C-BC41

C-BC31

C-BC21

Camera Mounting Brackets

WH-4

Wall Mounting Bracket

VV-4520

Wall Bracket

CC-4510

Selection Chart (Outdoor Use)

Cameras

C-CC351A

C-CC354A

Lenses

Auto iris Lenses

CH-2610G

CT-0312GA

Auto iris Lenses

CH-3808G

CH-0808G

CT-0812GA

CT-0412GA

Manual Zoom and Varifocal Auto iris Lenses

CT-2ZMGA

CT-10VFG

Motorized Zoom and Varifocal Auto iris Lenses

CT-6ZMG

CT-10ZMGA

CT-21ZMG

Camera Housings

Outdoor Camera Housing

C-CH100

C-CH100FH

Outdoor Camera Housing

C-CH200

C-CH200FH

Outdoor Camera Housing

C-CH210FH

Pan & Tilt Heads

Outdoor Pan & Tilt Head

C-PH200

Housing Fixing Stand

C-BC200H

Remote Controllers

Short Range

Remote Control Unit

CC-5011B

+

24V AC Power Supply

CC-5941B

Long Range

Remote Control Unit

CC-5111B

+

Relay Box

CC-5120

Mounting Brackets

Wall Mounting Bracket

C-BC100K

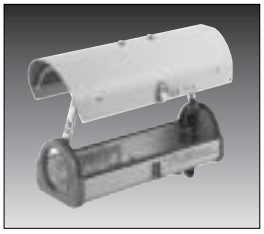
Ceiling Suspension Bracket

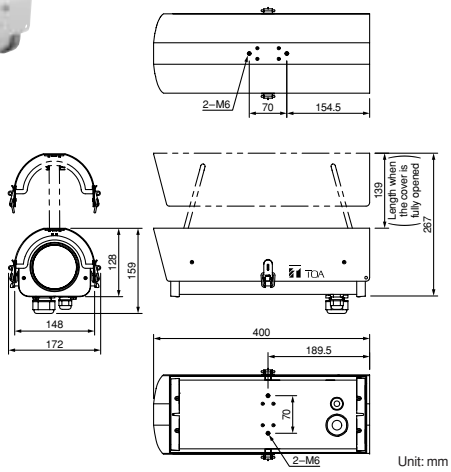
C-BC100T

Wall Mounting Bracket

C-BC200K

C-CH100
Outdoor Camera Housing





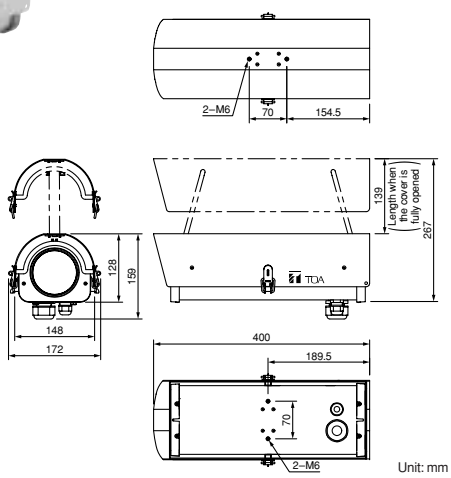
Unit: mm

The C-CH100 is a rainproof camera housing that protects the CCTV camera with a standard lens or zoom lens from the direct sunlight, wind and rain when installed outdoors. It can be suspended from a ceiling or mounted to a wall using the mounting bracket.

SPECIFICATIONS

Application	General outdoor environments (except seaside and industrial districts where the unit is subject to corrosion, and heights that expose the unit to strong wind pressure)
Operating Temperature	–10°C to +45°
Operating Humidity	Under 98% RH
Waterproof Function	IEC529 IP33
Dimensions	172 (W) × 159 (H) × 400 (D) mm
Internal Capacity	80 (W) × 77 (H) × 305 (D) mm
Weight	2 kg
Finish	Panel: Die-cast aluminum, light-beige, paint Other parts: Aluminum, off-white, paint
Accessories	Camera mounting screw × 1 set
Option	Ceiling suspension bracket: C-BC100T Wall mounting bracket: C-BC100K

C-CH100FH
Outdoor Camera Housing



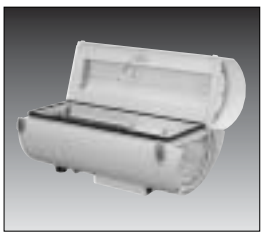
Unit: mm

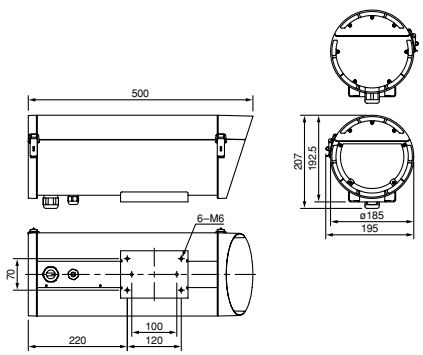
The C-CH100FH is a rainproof camera housing that protects the CCTV camera with a standard lens or zoom lens from the direct sunlight, wind and rain when installed outdoors. It comes with both a fan and heater, and can be suspended from a ceiling or mounted to a wall using the mounting bracket.

SPECIFICATIONS

Power	24 V AC, 50/60 Hz
Power Consumption	25 W
Fan/heater operating temperature	Fan: Turns on at over 26°C Heater: Turns on at under approx. 10°C
Application	General outdoor environments (except seaside and industrial districts where the unit is subject to corrosion, and heights that expose the unit to strong wind pressure)
Operating Temperature	–10°C to +45°
Operating Humidity	Under 98% RH
Waterproof Function	IEC529 IP33
Dimensions	172 (W) × 159 (H) × 400 (D) mm
Internal Capacity	80 (W) × 77 (H) × 305 (D) mm
Weight	2.2 kg
Finish	Panel: Die-cast aluminum, light-beige, paint Other parts: Aluminum, off-white, paint
Accessories	Camera mounting screw × 1 set
Option	Ceiling suspension bracket: C-BC100T Wall mounting bracket: C-BC100K

C-CH200
Outdoor Camera Housing





Unit: mm

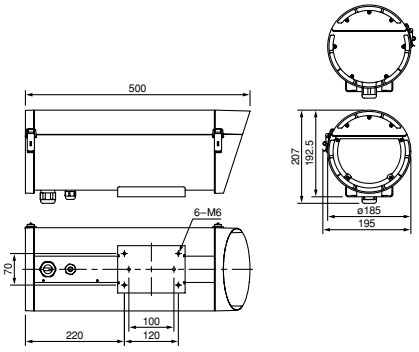
The C-CH200 camera housing is designed to house a CCTV camera, fixed focal length lens, zoom lens and other components to protect them from the direct sunlight, wind and rain when they are installed outdoors.

SPECIFICATIONS

Operating Temperature	–10°C to +45°
Operating Humidity	30% to 98% RH
Application	Indoors and outdoors (except seaside and industrial districts where the unit is subject to corrosion, and heights that expose the unit to strong wind pressure)
Waterproof/Dustproof Capability	IP54
Finish	Unit: Aluminum extrusion, off-white, paint Panel: Die-cast aluminum, off-white, paint
Dimensions	195(W) × 207(H) × 500(D) mm
Weight	5.2 kg
Accessories	Camera mounting bolt × 2, Housing fixing bolt × 4, Washer…1 set, Coaxial cable for internal wiring × 1, Zoom lens cable for internal wiring × 1, Camera power supply cable (for 24 V) for internal wiring × 1
Applicable Camera (option)	C-CC300 series, C-CC150A, C-CB20LA
Applicable Lens (option)	All lenses except ultra-wide angle lenses and special lenses
Option	Housing fixing stand: C-BC200H Wall mounting bracket: C-BC200K Pan/tilt head: C-PH200

C-CH200FH
Outdoor Camera Housing

The C-CH200FH camera housing is designed to house a CCTV camera, fixed focal length lens, zoom lens and other components to protect them from the direct sunlight, wind and rain when they are installed outdoors. The C-CH200FH comes with a heater and a fan.



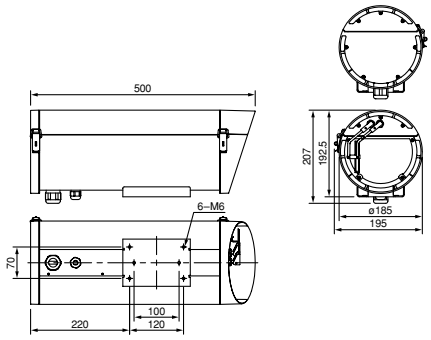
Unit: mm

SPECIFICATIONS

Power Source	24 V AC, 50/60 Hz
Current Consumption	Fan: 4.6 W Heater: 19 W
Fan/heater Operating Temperature	Fan: Turns on at over 26°C Heater: Turns on at under 10°C
Operating Temperature	-20°C to +45°C (If the wiper driving section is frozen, the wiper does not correctly work.)
Operating Humidity	30% to 98% RH
Application	Indoors and outdoors (except seaside and industrial districts where the unit is subject to corrosion, and heights that expose the unit to strong wind pressure)
Waterproof/Dustproof Capability	IP54
Finish	Unit: Aluminum extrusion, off-white, paint Panel: Die-cast aluminum, off-white, paint
Dimensions	195(W) × 207(H) × 500(D) mm
Weight	5.4 kg
Accessory	Camera mounting bolt…2, Housing fixing bolt × 4, Washer…1 set, Coaxial cable for internal wiring × 1, Zoom lens cable for internal wiring × 1, Camera power supply cable (for 24 V) for internal wiring × 1
Applicable Camera (option)	C-CC300 series, C-CC150A, C-CB20LA
Applicable Lens (option)	All lenses except ultra-wide angle lenses and special lenses
Option	Housing fixing stand: C-BC200H Wall mounting bracket: C-BC200K Pan/tilt head: C-PH200

C-CH210FH
Outdoor Camera Housing

The C-CH210FH camera housing is designed to house a CCTV camera, fixed focal length lens, zoom lens and other components to protect them from the direct sunlight, wind and rain when they are installed outdoors. The C-CH210FH is equipped with a heater, a fan, a defroster, and a wiper.



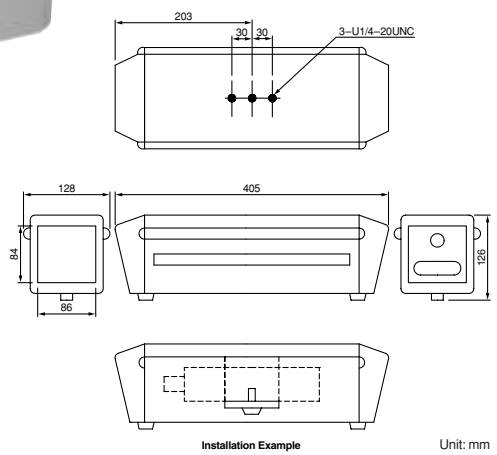
Unit: mm

SPECIFICATIONS

Power Source	24 V AC, 50/60 Hz
Current Consumption	Fan: 4.6 W Heater: 19 W Defroster: 5W Wiper: 2.3 W
Fan/heater Operating Temperature	Fan: Turns on at over 26°C Heater: Turns on at under 10°C Defroster: Turns on at under 30°C, and turns off at over 50°C
Operating Temperature	–20°C to +45°C (If the wiper driving section is frozen, the wiper does not correctly work.)
Operating Humidity	30% to 98% RH
Application	Indoors and outdoors (except seaside and industrial districts where the unit is subject to corrosion, and heights that expose the unit to strong wind pressure)
Waterproof/Dustproof Capability	IP54
Finish	Unit: Aluminum extrusion, off-white, paint Panel: Die-cast aluminum, off-white, paint
Dimensions	195(W) × 207(H) × 500(D) mm
Weight	6 kg
Accessory	Camera mounting bolt…2, Housing fixing bolt × 4, Washer…1 set, Coaxial cable for internal wiring × 1, Zoom lens cable for internal wiring × 1, Camera power supply cable (for 24 V) for internal wiring × 1
Applicable Camera (option)	C-CC300 series, C-CC150A, C-CB20LA
Applicable Lens (option)	All lenses except ultra-wide angle lenses and special lenses
Option	Housing fixing stand: C-BC200H Wall mounting bracket: C-BC200K Pan/tilt head: C-PH200

CC-6000A
Indoor Camera Housing

The CC-6000A is an Indoor use camera housing.



Installation Example

Unit: mm

SPECIFICATIONS

Applications	Indoors
Operating Temperature	–10°C to +50°C
Finish	Front frame, Top cover: ABS resin, light cream Base: Pre-coated steel plate, beige
Dimensions	128 (W) × 126 (H) × 405 (D) mm
Weight	1.7 kg
Applicable Cameras	1/3 type series cameras
Applicable Lenses	1/3 type series lenses and zoom lenses

Camera Housings

CC-6080DMB/CC-6080DMW/ CC-6080DMS

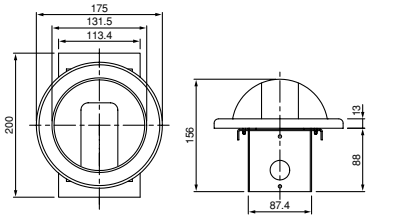
Dome-shaped Camera Housing

Designed for mounting in the ceiling, TOA's CC-6080 Series is a dome-shaped camera housing capable of accommodating a black/white or color surveillance camera.

CC-6080DMB

CC-6080DMW

CC-6080DMS



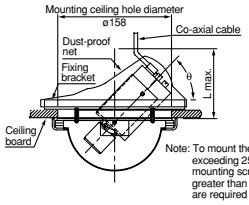
Unit: mm

(Tilt range when the ceiling board is 9 mm thick)

CAMERA	θ	L max.
C-CC300 series	3˚ – 90˚	140

* The tilt angle narrows as the ceiling board increases in thickness. (The angles shown in the table above assume that the ceiling board is 9 mm thick.)

Mounting diagram



Note: To mount the dome housing in the ceiling exceeding 25 mm in thickness, four bracket mounting screws with shank length equal to or greater than the ceiling thickness plus 10 mm are required extra.

SPECIFICATIONS

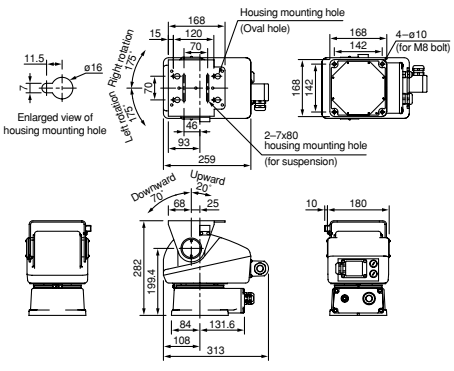
Tilt range		As shown in the table below. (ceiling board is 9 mm in thickness.)
Finish	Dome:	CC-6080DMB: Acryl, treated in part with masking paint, black CC-6080DMW: Acryl, treated in part with masking paint, white CC-6080DMS: Acryl, aluminum vacuum evaporation (penetration rate of 35% – 50%)
	Frame:	ABS, ivory
	Bracket:	Steel plate cold commercial, 1.2 mm thick plating, black
Dimensions		ø175 (W) × 156 (H) × 200 (D) mm
Weight		520 g
Applicable Lens		CT-0313G, CT-0412G, CT-0812G
Applicable Camera		1/3" camera series (made by TOA)

Pan & Tilt Heads

C-PH200

Outdoor Pan/Tilt Head

The C-PH200 is a rainproof and dustproof motorized pan/tilt head designed for both indoor and outdoor applications. Mounted with a camera housing containing CCTV camera and zoom lens, etc., the C-PH200 pan/tilt head can be rotated vertically and horizontally by remote control, thus greatly extending the camera's range of surveillance capability.



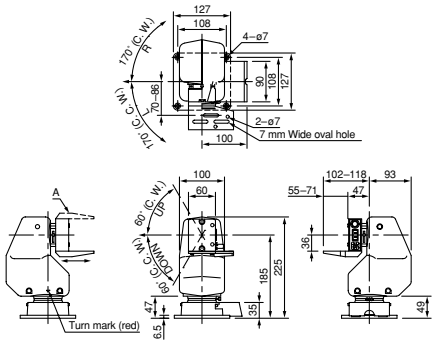
Unit: mm

SPECIFICATIONS

Power Source	24 V AC, 50/60 Hz
Power Consumption	46 VA
Input/Output Lines	Video signal: Applicable cable diameter: ø4 – ø8 mm Screw terminal for 3C–2V or 5C–2V Power control: Applicable cable diameter: ø13 – ø18 mm M3 screw terminal (12 P) with free terminal screw x 2 Output line: Connected to the housing using dedicated cable
Rotation Angle	Tilt: –70° to +20° ±5° Pan: Over 340° (automatic reverse), 350° ±5° (manual operation)
Operation Speed (No load)	Tilt: 3° ±0.5°/s (50 Hz), 3.6° ±0.6°/s (60 Hz) Pan: 6° ±0.5°/s (50 Hz), 7.2° ±0.6°/s (60 Hz)
Rated Time	Tilt: 15 min, Pan: Continuous
Auto-Pan Life	5000 hours or 200000 reverse operations
Load Rating	11 kg (upright installation), 10 kg (indoor suspension)
Waterproof/Dustproof Capability	IP54 (Waterproof capability only applies to upright installation.)
Wind Pressure	Operable at average wind velocity of 40 m/s or less. Not destructed at maximum wind velocity of 60 m/s (provided the unit is installed at a height of 15 m above the ground and C-CH200 Series camera housings are mounted)
Application	Indoors and outdoors (except seaside and industrial districts where the unit is subject to corrosion, and heights that expose the unit to strong wind pressure)*
Operating Temperature	–10°C to +50°C (standard specifications and not frozen)
Operating Humidity	30% to 90% RH
Finish	Die-cast aluminum and anti-corrosion aluminum plate, off-white, power coating
Dimensions	190(W) × 282(H) × 313(D) mm
Weight	10.2 kg
Applicable Model	Camera housing: C-CH200 series C-CH100 series
Option	Wall mounting bracket: C-BC200K

*Because a waterproof function is disabled, unit cannot be installed in a suspended position outdoors.

CC-5525
Indoor Pan and Tilt Head



Note: 1) Part A (Tilt Head) can be attached upside down for inverted mounting use.
2) Camera Mounting Table can be shifted sidewise by 16 mm for camera width adjustment.

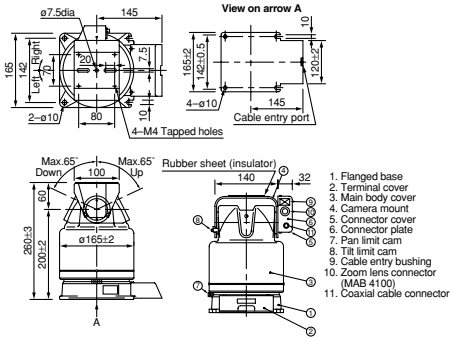
Unit: mm

The CC-5525 Pan and Tilt Head is light-duty unit for CCTV camera, designed for long, quiet operation with loads up to 3kg. Auto-pan or manual pan operation is determined by the remote control box.

SPECIFICATIONS

Power Source	24 V AC
Power Consumption	4 VA max.
Angular Travel	Pan: 330° ±5° max. (auto pan), 340° ±5° max. (manual) Tilt: –60° to +60°
Limit Switch Stops	Externally adjustable stops
Speed	Pan: 4°/s (50 Hz), 4.8°/s (60 Hz) Tilt: 2°/s (50 Hz), 2.4°/s (60 Hz)
Load Rating	3 kg max.
Service Space	Indoor
Operation Temperature	–5°C to +45°C
Operation Humidity	95% or below, relative humidity
Finish	External body material: Die-cast aluminum alloy and Moulded plastic Three-tone (milky-white, off-white and black)
Weight	2.4 kg
Accessory	Terminal lug × 15, Plug (AC power output) × 1, Coaxial cable (530 mm) with BNC connectors on both ends × 1, 4-pin connector (zoom lens control) × 1, Camera attaching bolt × 2, Camera mounting table fixing screw × 2, Spring washer (ø6 mm) × 2, Plain washer (ø6 mm) × 2

CC-5521
Indoor Pan and Tilt Head



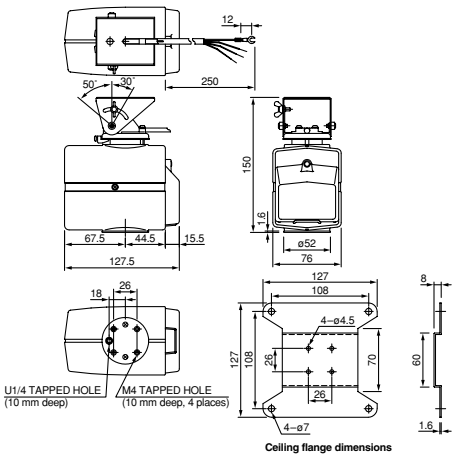
Unit: mm

The CC-5521 indoor pan and tilt head can be used to rotate and elevate a CCTV camera weighting up to 11kg under normal mounting conditions, or a camera weighting up to 10kg that is hung from a ceiling . The CC-5521 provides remote control camera travel of 350° pan and 65° up-down tilt. Limiting cams for both pan and tilt are externally adjustable. Auto-pan is also provided on the CC-5521.

SPECIFICATIONS

Usable place	Indoor
Power Requirements	24 V AC ±10%, 50/60 Hz, single phase
Power Consumption	40 VA (max.)
Load Rating	Upright mounting: 11 kg Inverted mounting: 10 kg Based on C.G. to the camera mount center distance of 70mm and off center displacement of 25mm The tilting function may not work beyond the limited distances. (C.G. = center of gravity)
Ambient Temperature	–10°C to +45°C
Ambient Humidity	95% or less, relative humidity
Main Skin Material	Corrosion resistant aluminum sheet, cast aluminum alloy, synthetic resin (ABS)
Finish	Metal part: Munsell 2.5YG/1 approx. value, (beige), leatherette and semi-glossy black texture Resin part: Munsell 5Y8/1 approx. value (ivory yellow), leatherette texture
Weight	Approx. 5 kg
Angular Travel	Pan: 350° or more (manual), 345° (autp-pan) Tilt: –60° to +65°
Speed	Pan: 6°/s (50Hz), 7.2°/s (60Hz) Tilt: 3°/s (50Hz), 3.6°/s (60Hz)

CC-5550A
Indoor Pan Head



Unit: mm

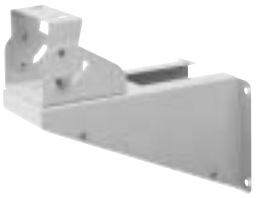
The CC-5550A Pan Head is a light duty unit for CCTV cameras, design for long, quiet operation with loads up to 3kg. Pan operation is determined by the CC-5050B “Pan Head Controller”.

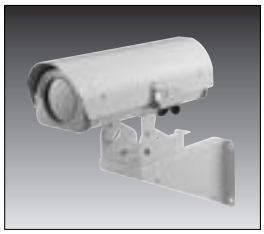
SPECIFICATIONS

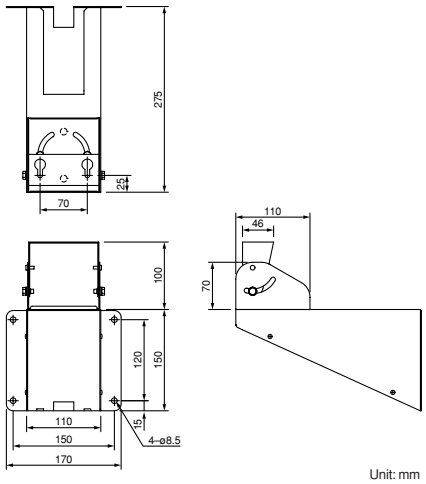
Power Requirement	6V DC
Service Space	Indoor
Ambient Temperature	-5°C to +45°C
Ambient Humidity	Less than 95% (Relative humidity)
Load Rating	Max. 3 kg (6.61 lb.) (Stand or Suspension)
Angular Travel	Pan 340° ±5° max. (Adjustable using external adjuster)
Speed	6°/s ±0.5°/s
Life	8,000 hours (continuous operation when 60% of rated load is mounted) or 100,000 motions in both ways.
Finish	Leather-tone
Weight	0.9 kg (1.98 lb.)
Accessories	Ceiling flange…1, Plain washer…1, Spring washer…1, Camera mounting screw…1, Hexagon headed bolt for mounting main body…1, Pan head screw (spring washer) M4 x 12 for mounting ceiling flange…4, Solderless terminal for I/O cable connection…6

Housing Mounting Brackets

C-BC100K
Wall Mounting Bracket







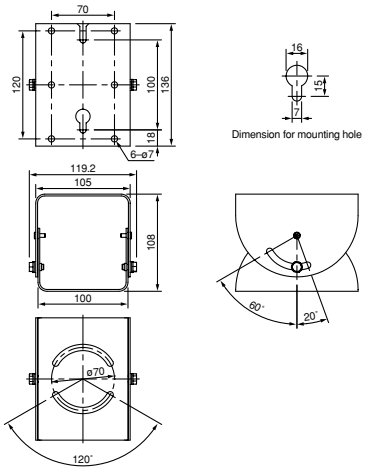
Unit: mm

The C-BC100K is a bracket to mount the camera housing C-CH100 and C-CH100FH to a wall. Since it is made of stainless steel, it can be used even outdoors.

SPECIFICATIONS

Permissible Load	Under 10 kg
Application	Indoor or outdoor wall surface (exclude sea shores and industrial zones where the equipment easily becomes corroded, and the altitudes exposed to the strong wind)
Angle Adjustment	Horizontal: 360° (Four bolt mounting holes are provided to permit the position of bolt to be changed.) Vertical: Up 15°—down 60° (depending upon the horizontal angle, the unit may not be tilted 60° down)
Finish	Stainless steel, off-white, paint
Dimensions	170 (W) x 250 (H) x 275 (D) mm
Weight	1.8 kg
Usable Housing	C-CH100 and C-CH100FH

C-BC200H
Housing Fixing Stand



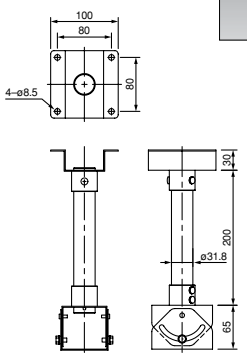
Unit: mm

The C-BC200H Housing Fixing Stand is designed to be used in conjunction with the wall-mounting bracket to mount camera housings on a wall to fix cameras in the predetermined direction.
The C-BC200H is constructed of stainless steel and is designed to withstand prolonged use in severe outdoor environments without corrosion or marring of the unit's appearance.

SPECIFICATIONS

Angler Adjustment	Vertical: –60° to +20° Horizontal: ±60°(120°) when using 2 mounting holes (Can be set freely for up to 360° when C-BC200K is mounted)
Applications	Outdoor (except seaside and industrial districts where the unit is subject to corrosion, and heights that expose the unit to strong wind pressure)
Finish	Stainless steel (SUS304), off-white, paint
Dimensions	119.2(W) x 108(H) x 136(D) mm
Weight	900 g
Accessory	Wall mounting bracket mounting bolt (with washer, SUS)…2
Applicable Model	Camera housing: C-CH200 series, C-CH100 series
Option	Wall mounting bracket: C-BC200K

C-BC100T
Ceiling Suspension Bracket



Unit: mm

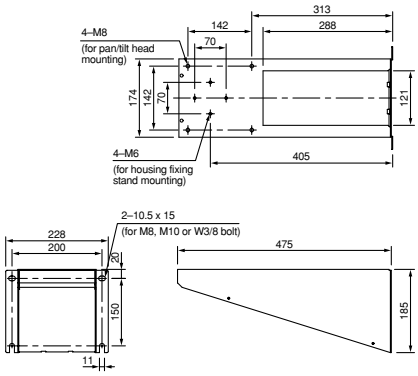
The C-BC100T is a bracket to mount the camera housing C-CH100 and C-CH100FH to a ceiling. Since it is made of stainless steel, it can be used even outdoors.

SPECIFICATIONS

Permissible Load	Under 10 kg
Application	Indoor or outdoor wall surface (exclude sea shores and industrial zones where the equipment easily becomes corroded, and the altitudes exposed to the strong wind)
Angle Adjustment	Horizontal: 360° Vertical: ±60°
Finish	Bracket:Stainless steel, off-white, paint Pipe: Stainless steel
Dimensions	100 (W) × 295 (H) × 100 (D) mm
Weight	830 g
Usable Housing	C-CH100 and C-CH100FH

Head Mounting Brackets

C-BC200K
Wall Mounting Bracket



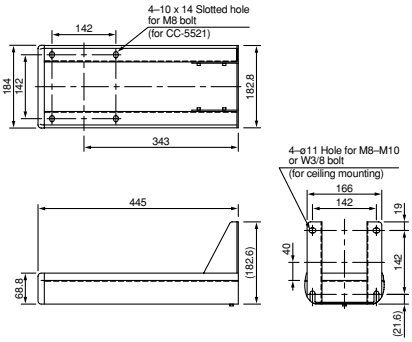
Unit: mm

The C-BC200K Mounting Bracket is designed specifically for use in the wall-mounting of camera systems comprising the camera housing in combination with either the Pan/Tilt Head or the Housing fixing Stand. The C-BC200K is constructed of stainless steel and is designed to withstand prolonged use in severe outdoor environments without corrosion or marring of the unit's appearance.

SPECIFICATIONS

Permissible Load	Under 20 kg
Wind Load	Maximum wind velocity 60 m/s (When C-CH200 or C-CH100 Series and C-PH200 are used)
Application	Outdoor (except seaside and industrial districts where the unit is subject to corrosion, and heights that expose the unit to strong wind pressure)
Finish	Stainless steel (SUS304), off-white, paint
Weight	2.8 kg
Accessory	Pan/tilt head mounting bolt (SUS)…2 Pan/tilt head mounting washer (SUS) …1 set
Option	Pan/tilt head: C-PH200, CC-5521 Housing fixing stand: C-BC200H

CC-4520
Wall Mounting Bracket



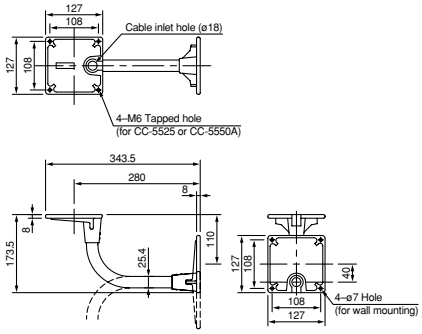
Unit: mm

The TOA wall bracket model CC-4520 is used when pan/tilt head (model CC-5521) is fixed on the wall.

SPECIFICATIONS

Service Space	Indoor
Load Rating	10 kg max.
Applicable Model	CC-5521
Finish	Zinced steel plate, milky white, leather tone, paint
Weight	3.2 kg
Accessory	For assembling wall bracket: M6 × 12 Hex-head bolt, Plain washer and Spring washer × 6 sets, M4 × 10 Round head screw with washer × 1 set For mounting pan-tilt head: M8 × 20 Hex-head bolt, Nut and washer × 4 sets, Plain washer × 8

CC-4510
Wall Bracket



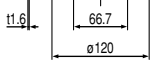
INSTALLATION EXAMPLES

Unit: mm

The TOA wall bracket model CC-4510 is used when pan or pan/tilt head (model CC-5525, CC-5550A) is fixed on the wall.

SPECIFICATIONS

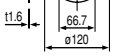
Service Space	Indoor
Load Rating	7 kg max.
Applicable Models	CC-5525, CC-5550A
Finish	Flange: Casted aluminum, off-white, leather tone Pipe: Rigid steel conduit, off-white, semi-glazed
Weight	800 g
Accessory	M6 x 16 Hex-head bolt, Plain washer and Spring washer…4 sets



Unit: mm

SPECIFICATIONS

Applications	Indoor use
Permissible Load	4 kg
Angle Adjustment	Horizontal: +90° to –15° Vertical: 360°
Finish	Pipe: Aluminum, painted metallic silver Camera pedestal: ABS resin, sand gray Other parts: metallic silver
Weight	360 g
Accessory	Fixing screw × 4



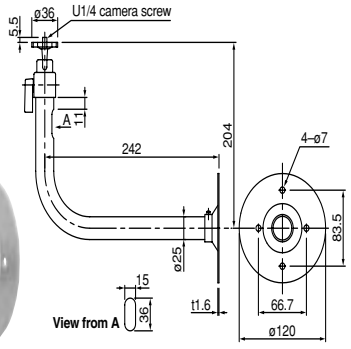
Unit: mm

SPECIFICATIONS

Applications	Indoor use
Permissible Load	4 kg
Angle Adjustment	Horizontal: +90° to –15° Vertical: 360°
Finish	Pipe: Aluminum, painted metallic silver Camera pedestal: ABS resin, sand gray Other parts: metallic silver
Weight	520 g
Accessory	Fixing screw × 4

C-BC21
Camera Mounting Bracket

The C-BC21 allows for quick and easy installation of a camera and camera housing onto a wall with 360° horizontal and 90° vertical angles of adjustment. The coaxial cable can be inserted through the bracket pipe for an attractive appearance.



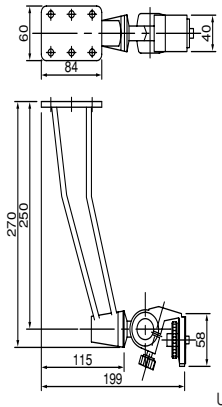
Unit: mm

SPECIFICATIONS

Applications	Indoor use
Permissible Load	4 kg
Angle Adjustment	Horizontal: +90° to –15° Vertical: 360°
Finish	Pipe: Aluminum, painted metallic silver Camera pedestal: ABS resin, sand gray Other parts: metallic silver
Weight	340 g
Accessory	Fixing screw × 4

WH-4
Camera Mounting Bracket

This bracket allows easy installation of a CCTV camera and CC-6000A indoor camera housing on to a wall. The maximum bracket load is 10kg.



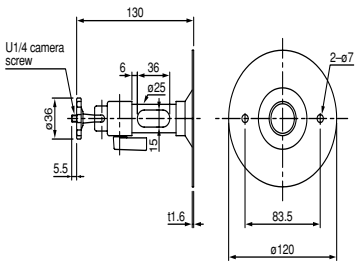
Unit: mm

SPECIFICATIONS

Type	Ceiling/Wall mounting
Maximum Load	10 kg
Panning Angle	Horizontal: 360° Vertical: 90°
Weight	930 g

C-BC31
Camera Mounting Bracket

The bracket allows easy ceiling installation of a camera and camera housing. The coaxial cable can be inserted through the bracket pipe for an attractive appearance. Once installed, the camera can be adjusted 360° horizontally and 90° vertically.



Unit: mm

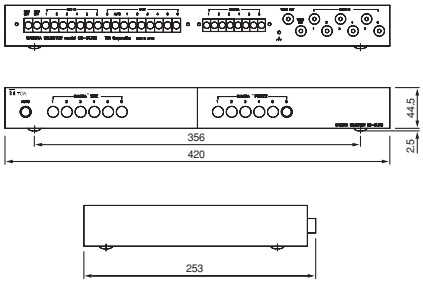
SPECIFICATIONS

Applications	Indoor use
Permissible Load	4 kg
Angle Adjustment	Horizontal: +90° to –15° Vertical: 360°
Finish	Pipe: Aluminum, painted metallic silver Camera pedestal: ABS resin, sand gray Other parts: metallic silver
Weight	240 g
Accessory	Fixing screw × 2

Camera Selector/Pan Head Controller

CC-5131B
Camera Selector

The TOA's CC-5131B camera selector is intended for use with the CC-5111B remote control unit. Up to 6 cameras and their accompanying CC-5120 relay boxes may be linked to the camera selector. Bridging connection of the CC-5131B is possible to increase the number of linked cameras. Switches are provided for selecting each camera and for camera power. A complete set of terminals is also provided for quick set-up and reliable operation. The camera selector can be mounted on a standard rack cabinet.

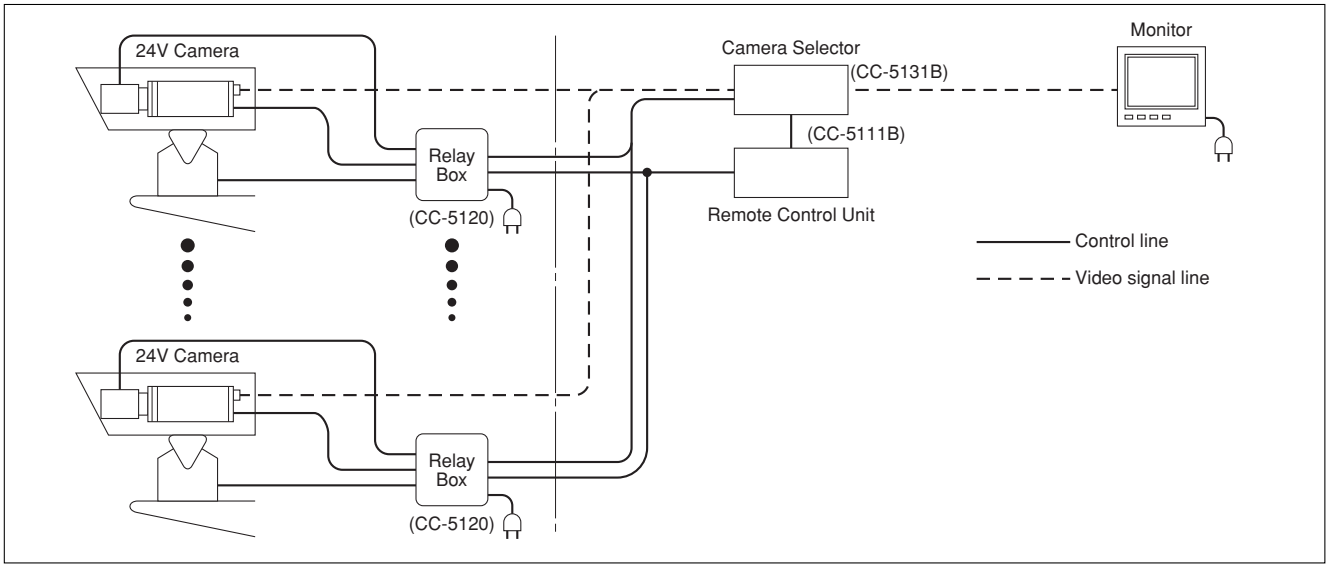


Unit: mm

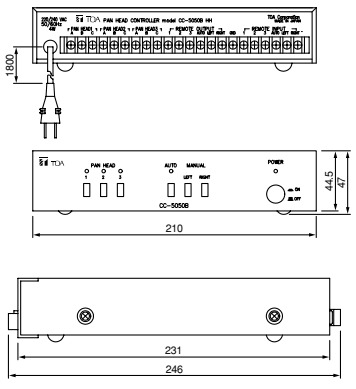
SPECIFICATIONS

Control Output	6 make-contact for turning the cameras on or off. 6 make-contact for selecting the cameras to be controlled remotely plus 1 output for extending the camera selector. 6 make-contact for selecting the cameras to be monitored plus 1 output for autoswitching M4 screw terminal, distance between barriers: 8.8 mm
Video Input	6 inputs for composite video signal 1.0V (p-p) plus 1 input for extending the camera selector. (All inputs excepting the selected input are terminated with 75Ω.) (BNC connector)
Video Output	1 output with composite video signal 1.0V (p-p) plus 1 output for ectending the camera selector (BNC connector)
Operating Temperature	–10°C to +50°C
Finish	Panel: Aluminum extrusion, black, 30% gloss Case: Pre-coated steel plate, black, 30% gloss
Dimensions	420 (W) x 47 (H) x 253 (D) mm
Weight	2.4 kg
Option	Rack-mounting bracket: MB-15B

SYSTEM BLOCK DIAGRAM



CC-5050B
Pan Head Controller



Unit: mm

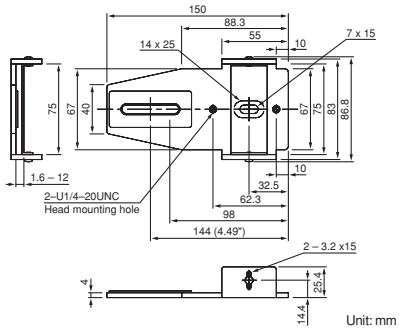
The TOA CC-5050B Pan Head Controller permits to remotely control up to three CC-5550A pan heads.

SPECIFICATIONS

Power Requirement	HH: 220/240 V AC, 50/60 Hz L: 120 V AC, 50/60 Hz
Power Consumption	4 VA
Control Output	DC 6 V, 100 mA max. M3 screw terminal, distance between barriers: 6 mm
Control Facilities	Panning (Left/Right/Auto) Pan head selection (3 pan heads) Remote input (Pan head selection 1 to 3 panning [Left/Right/Auto]) Remote output (Pan head selection 1 to 3 panning [Left/Right/Auto])
Ambient Temperature	-10°C to +50°C
Finish	Panel: Aluminum extrusion, black, 30% glossy Case: Pre-coated steel plate, black, 30% glossy
Dimensions	210 (W) × 47 (H) × 246 (D) mm
Weight	2 kg
Accessory	Fuse (0.5 A) × 1

Zoom Lens Mounting Bracket

C-BL20
Zoom Lens Mounting Bracket



Unit: mm

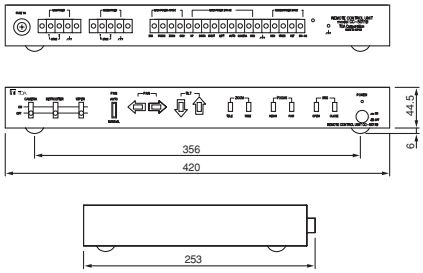
The C-BL20 zoom lens mounting bracket is used for securely reinforcing to mount the camera with a zoom lens, and for mounting this camera and zoom lens on the pan/tilt head.

SPECIFICATIONS

Finish	Aluminum t4.0 sand gray
Weight	160 g (0.35 lb.)
Accessories	Camera mounting (U1/4 – 20UNC bolt) × 1 M6 washer × 1
Applicable Cameras	1/3" series cameras
Applicable Lenses	CT-8ZMG, CT-P8XMG, CT-P12ZMG
Applicable Heads	CC-5521, CC-5525

Remote Control Units (short range)

CC-5011B
Remote Control Unit



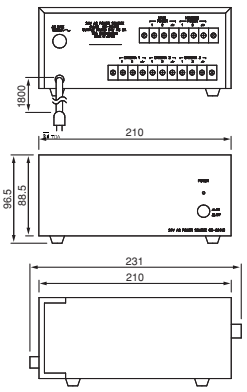
Unit: mm

The TOA's CC-5011B remote control unit is designed for highly effective observation from a short distance away. The CC-5011B provides the convenience of direct 24V AC operation when used in combination with the CC-5941B 24V power supply unit. At the touch of a remote control switch you have complete command auto/manual & left/right pan, tilt, zoom, focus and iris settings. The remote control unit can be mounted on a standard rack cabinet.

SPECIFICATIONS

Power Input Main Power: Housing Power:	 24V AC, 50/60Hz (for motorized Pan/Tilt unit, camera power supply and motorized zoom lens) 24V AC, 50/60Hz (for camera housing)
Control Output	Make-contact for each control
Control Motorized Pan/Tilt Unit: Camera Housing: Camera Power: Motorized Zoom Lens:	 Pan (RIGHT/LEFT/AUTO), TILT (UP/DOWN) Defroster (ON-OFF), Wiper (ON-OFF) ON-OFF Zoom (WIDE/TELE), Focus (FAR/NEAR), Iris (CLOSE/OPEN)
Ambient Temperature	Indoor use, –10°C to +50°C
Finish	Panel: Aluminum extrusion, black, 30% gloss Case: Pre-coated steel plate, black, 30% gloss
Dimensions	420 (W) x 47 (H) x 253 (D) mm
Weight	3.3 kg
Option	1-size rack-mounting bracket: MB-15B
Power Supply Unit	CC-5941B

CC-5941B
24 V AC Power Supply



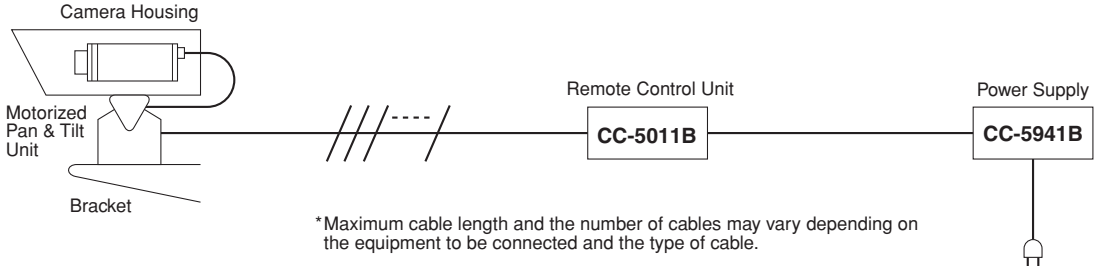
Unit: mm

The CC-5941B is an adaptor supplies power to up to ten 24V AC camera or the 24V AC power to the CC-5011B short-distance remote control unit for a CCTV camera system.

SPECIFICATIONS

Power requirement	AC Mains, 50/60Hz
Power Consumption	135W (When operating camera, motorized zoom lens, pan/tilt unit, fan, heater and defroster.)
Output Power	24V AC, 5A, 50/60Hz for camera and remote control unit M4 screw terminal, distance between barriers: 8.8mm
Ambient Temperature	Indoor use, –10°C to +50°C
Finish	Panel: Aluminum extrusion, black, 30% gloss Case: Pre-coated steel plate, black, 30% gloss
Dimensions	210 (W) × 97.5 (H) × 231 (D) mm
Weight	4.1 kg
Accessory	Fuse (2A) × 1
Option	1-size rack-mounting bracket: MB-23B-BK 2-size rack-mounting bracket: MB-23b-J

SYSTEM BLOCK DIAGRAM

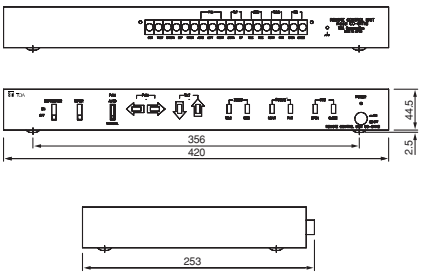


*Maximum cable length and the number of cables may vary depending on the equipment to be connected and the type of cable.

Remote Control Units (long range)

CC-5111B
Remote Control Unit
(required CC-5120 relay box)

The TOA's CC-5111B remote control unit and CC-5120 relay box provide highly effective surveillance from even a long distance away. The CC-5111B is designed for use with the CC-5120 and can control the housing defroster and wiper, pan/tilt head and motorized zoom lens remotely. The CC-5120 can supply the power to the camera, housing pan/tilt head and zoom lens. The remote control unite can be mounted on a standard rack, while the relay box is a wall mounting type.



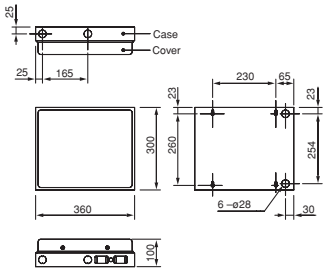
Unit: mm

SPECIFICATIONS

Power Input	Supplied from relay box CC-5120 for TALLY
Control Output	Make-contact for each control
Control Motorized Pan/Tilt Unit: Camera Housing: Camera Power: Motorized Zoom Lens:	 Pan (RIGHT/LEFT/AUTO), TILT (UP/DOWN) Defroster (ON-OFF), Wiper (ON-OFF) ON-OFF Zoom (WIDE/TELE), Focus (FAR/NEAR), Iris (CLOSE/OPEN)
Ambient Temperature	Indoor use, –10°C to +50°C
Color	Black
Dimensions	420 (W) x 47 (H) x 253 (D) mm
Weight	2.3 kg (5.07 lb.)
Option	1-size rack-mounting bracket: MB-15B

CC-5120
Relay Box

Used in combination with CC-5111B remote control unit, this relay box enables remote control of CCTV camera operation.

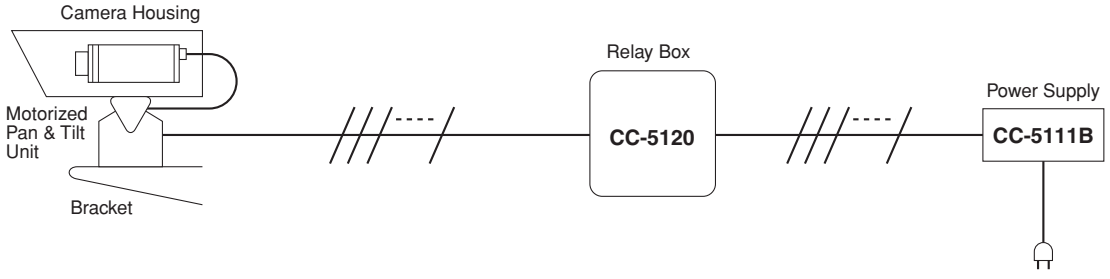


Unit: mm

SPECIFICATIONS

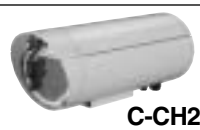
Power requirement	AC Mains, 50/60Hz
Power Consumption	135W (When operating camera, motorized zoom lens, pan/tilt unit, fan, heater and defroster.)
Control Inputs Motorized Pan/Tilt Unit: Camera Housing: Camera Power: Motorized Zoom Lens:	Make-contact for each control Pan (RIGHT/LEFT/AUTO), TILT (UP/DOWN) Defroster (ON-OFF), Wiper (ON-OFF) ON-OFF Zoom (WIDE/TELE), Focus (FAR/NEAR), Iris (CLOSE/OPEN)
Control Output	24V AC, 50/60Hz for motorized pan/tilt unit, camera housing and camera power supply DC ±6V, 0.15A for motorized zoom lens 1 power supply for TALLY lamp
Ambient Temperature	Indoor use, –10°C to +50°C
Color	Beige
Dimensions	360 (W) x 300 (H) x 100 (D) mm
Weight	7.8 kg

SYSTEM BLOCK DIAGRAM



Housing Selection Chart

Outdoor Use

- **Meets IP54 requirements for dust and water resistance.**
  - **Includes heater, fan, defroster and wiper.** →  **C-CH210FH**
  - **Includes heater and fan.** → **C-CH200FH**
  - → **C-CH200**
- **Meets IP33 requirements for dust and water resistance.**
  - **Includes heater and fan.** → **C-CH100FH**
  - → **C-CH100**

Indoor Use

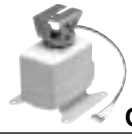
- → **CC-6000A**
- → **CC-6080DMB**
  CC-6080DMW
  CC-6080DMS

Pan & Tilt Head Selection Chart

Outdoor Use

- **Meets IP54 requirements for dust and water resistance.** → **Withstands load of 11kg (upright) and 10kg (inverted) configuration use.** → **C-PH200**

Indoor Use

- **AC MAIN AC 24V**
  - **Remote Control Unit/Power Supply** **CC-5011B + CC-5941B**
    Remote Control Unit/Relay Box **CC-5111B + CC-5120**
    → **Withstands load of 11kg (upright) and 10kg (inverted) configuration use.** → **CC-5521**
    → **Withstands load of 3kg for upright and inverted configuration use.** → **CC-5525**
- **DC 6V**
  - **Remote Controller** **CC-5050B**
    → **Withstands load of 3kg for upright and inverted configuration use.** →  **CC-5550A**

TOA

TOA Corporation
URL : www.toa.jp/

Specifications are subject to change without notice.
Printed in Japan (0309) 833-53-007-30 U